

**COMPOSITIONS AND METHODS FOR IMPROVING PROPPANT PACK
PERMEABILITY AND FRACTURE CONDUCTIVITY
IN A SUBTERRANEAN WELL**

ABSTRACT

[041] The present invention relates to enhancing fluid flow from subterranean formations. More particularly, this invention relates to providing improved proppant matrixes within fractures in a subterranean formation. An example of the methods of increasing the conductivity of a fracture in a subterranean formation comprises the steps of providing a fracturing treatment fluid comprising a proppant composition, the proppant composition comprising proppant particulates and a degradable material capable of undergoing an irreversible degradation downhole; introducing the proppant composition to the fracture; and allowing the proppant composition to form a proppant matrix having voids in the fracture.